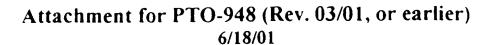
Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office



## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date)  A. papproved by the Draftsperson under 37 CFR 1.84 or 1.152.  B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 submission of new, corrected drawings when necessary. Corrected d	2 for the reasons indicated below. The Examiner will require drawing must be sumitted according to the instructions on the back of this notic
DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:     Black ink. Color.	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  Words do not appear on a horizontal, left-to-right fashion
Color drawings are not acceptable until petiton is granted.  Fig(s)  Pencil and non black ink not permitted. Fig(s)	when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)
2. PHOTOGRAPHS. 37 CFR 1.84(b)  1 full-tone set is required. Fig(s)	9. SCALE. 37 CFR 1.84(k)  Scale not large enough to show mechanism without  Scale not large enough to show mechanism without
Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s)	crowding when drawing is reduced in size to two-thirds in reproduction.  Fig(s)
3. TYPE OF PAPER. 37 CFR 1:84(e)  Paper not flexible, strong, white, and durable.	10. CHARACTER OF LINES, NUMBERS, & LETTERS.
Fig(s) Erasures, alterations, overwritings, interlineations,	Lines, numbers & letters not uniformly thick and well defined, clean, dunable, and black (poor line quality).
folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin).	Fig(s)
Fig(s)	Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s) Shade lines, pale, rough and blurred. Fig(s)
21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
Sheet(s) Drawings sheets not an acceptable size. Fig(s) 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Numbers and reference characters not plain and legible.  Fig(s)
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Figure legends are poor. Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11	Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Figs
Margins not acceptable. Fig(s)  Top (T)  Left (L)	Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Right (R) Bottom (B)  6. VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to	Fig(s)
correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)	Lead lines cross each other. Fig(s) Lead lines missing. Fig(s)  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
Brackets needed to show figure as one entity.  Fig(s)	Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s)
Views not labeled separately or properly.     Fig(s)     Enlarged view not labeled separetely or properly.	<ol> <li>NUMBERING OF VIEWS. 37 CFR 1.84(u)</li> <li>Views not numbered consecutively, and in Arabic numerals,</li> </ol>
Fig(s)	beginning with number 1. Fig(s)  16. CORRECTIONS. 37 CFR 1.84(w)  Corrections not made from prior PTO-948
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.	dated  17. DESIGN DRAWINGS. 37 CFR 1.152
Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers Fig(s)	Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast.
Roman numbers. Fig(s)	Fig(s)
COMMENTS	



The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

## 1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson. MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

## Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application